

An analog to a gravitational force field is generated mathematically to operate between a displayed selection pointer and a graphical user interface (GUI) widget. Under this scheme, the widget has an associated mass value m that is user selectable. To select the mass value, the user can trigger an event, such as a predefined mouse click or pop-up menu, that presents a user interface for entering the widget mass value. By varying the mass value of the widget, a user can vary the effective force boundary surrounding the widget on a display screen, and thus, vary the degree of interaction between the widget and selection pointer.